

[7]

ORDINARY, MS.

Public DEPARTMENT.
G.O., DATED 9-2-92
No. 92

INDEXED.

When given for copying 9/

[Despatch Abstract.]

Approved the proposed
arrangement of the 4.
for stationaries for making
certain observations at
Koparkanal Motlagiri

noted
10/2

Madras, 2nd February 1892.

No 21

FROM

THE GOVERNMENT ASTRONOMER,

Madras.

To

The Honble J. F. Price,
Chief Secretary to Govt.
Fort St. George

Sir,

I have the honor to submit the detailed proposals regarding the observations to be made at Kodakanal and Kottayam sanctioned in G.O., Public Department, dated 9th ultimus, No. 11.

2. To take advantage of the moonless nights, I propose to leave for Kodakanal on the 18th February returning to Madras about March 6th. I would again leave Madras on March 18th for Kottayam returning to Madras about April 6th.

3. The instruments required

will be the following:-

- (1) 4 inch achromatic telescope, equatorial
ly mounted, fitted with direct vision
and diffraction grating spectroscopes in
addition to the ordinary eyepieces
and micrometers.
- (2) A Pritchard's wedge-photometer
- (3) A large camera for photographing
star trails.
- (4) Sextant with stand and artificial
horizon.
- (5) Barometers, thermometers, and
minor instruments.

4. The observations to be made
will consist of:-

(a) Observations of close double stars,
of nebulae, and of Jupiter and Saturn,
for definition.

(b) Measurement of apparent magni-
tudes of stars with the wedge-
photometer for comparison with similar
measurements made at Mead's.

This if successful will give an absolute
measure of the relative transparency
of the atmosphere at the three places.

(c) Spectroscopic observations of the sun
by day and of stars by night, most atten-
tion being paid to sunspots & prominences
as these are of special interest in view of
the proposal to establish a solar physics
department in the Observatory.

(d) Photography of star trails. By
photographing the same region under
as nearly similar conditions as possible
a valuable measure of transparency
should be got by comparing the number
of stars shown on the plates.

5. To protect the instruments I
will require a tent and a lascar to attend
to it and I have the honor to request permis-
sion to obtain this from the Camp Equip-
ment Depot.

6. I will also require to take
with me one person. I have the honor to be,

Yr
Obedt Servant,

C. Michie Smith,

Asst Asst Astronomer

9/1/92 rec'd
E.O. 9 Feb 92 K92
He
8 Feb.

From

THE GOVERNMENT ASTRONOMER,

Madras,

No. 21

Dated: 3rd

Received

Rec'd 4th

CHIEF SECRET
84 FEB 92
MILITARY

Subject

Submitting detailed
proposals regarding the
observations to be made at
Kodaikanal and Kotagiri

572

Genl. A. S. Trauer
222 1/2 Milb Dept

D AGAIN ORDER OF GOVERNMENT, DATED
18 . No. , MISCELLANEOUS

FLOWERS.

BRENT No

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT.

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

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